

REMARKS

The Office Action mailed January 30, 2007 (“Office Action”) has been received and carefully considered. Claims 7, 8 and 11 have been rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. Claims 1, 2, 3, 9, 16, 17, 20 and 21 have been rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by U.S. Published Application No. 2004/0198220 to Whelan *et al.* (“Whelan”). Claims 4-8, 10, 12, 18, 19 and 22 have been rejected as allegedly being obvious over Whelan in view of U.S. Published Application No. 2001/0023446 to Balough. Claims 11, 13, 14 and 15 have been rejected under 35 U.S.C. § 103(a) as allegedly being obvious over Whelan in view of Balough and further in view of U.S. Patent No. 5,661,806 to Nevoux *et al.* (“Nevoux”).

I. The Rejections Under 35 U.S.C. § 112, Second Paragraph Are Moot

The rejections under 35 U.S.C. § 112, second paragraph are moot in view of the amendments to the claims submitted herewith.

II. The Cited References Fail To Disclose The Present Invention As Claimed

The claims have been amended to more clearly recite features patentable over the cited art. The below discussion relates to two examples. Applicants note that additional patentable features are recited in the claims as amended.

The claims as amended recite a two-factor authentication that is neither taught nor suggested in any of the cited art. Claim 1, as amended, recites “transmitting, by the client to the computing device, a first challenge, wherein said first challenge comprises an encrypted first random number and said unique identifier associated with said client” and “receiving, by the client from the computing device, a second challenge, wherein said second challenge comprises an encrypted second random number.” Claim 15, the other independent claim, recites similar limitations. The cited art, alone or in combination, fails to disclose these features.

The Office Action relies on Nevoux as disclosing exchanging challenges that contain random numbers. The present claims, as amended, distinguish over Nevoux at least because no *single entity transmits* a first challenge as claimed and *receives* a second challenge as claimed. Instead,

Nevoux generates and transmits two random numbers from the same entity. *See* Nevoux, Fig. 2, VLR column; *see also* Nevoux, column 4, lines 50-52. Accordingly, Nevoux fails to disclose the features of the claims as amended.

III. Conclusion

In view of the foregoing, it is respectfully submitted that the present application is in condition for allowance, and an indication of the same is courteously solicited. The Examiner is respectfully requested to contact the undersigned by telephone at the below-listed telephone number, in order to expedite resolution of any issues and to expedite passage of the present application to issue, if any comments, questions, or suggestions arise in connection with the present application.

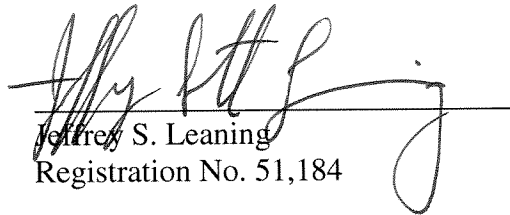
In the event that the U.S. Patent and Trademark Office requires a fee to enter this Reply or to maintain the present application pending, please charge such fee to the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: July 30, 2007

By:


Jeffrey S. Leaning
Registration No. 51,184

Hunton & Williams LLP
Intellectual Property Department
1900 K Street, N.W.
Suite 1200
Washington, DC 20006
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)
JSL/mia